**AGENDA TITLE:** Conduct Public Hearing to Consider Adoption of the 2010 California Building

Code, Mechanical Code, Electrical Code, Plumbing Code, Residential Code, Green Building Standard Code, Fire Code with Local Amendments Including

a Fee Schedule for Operational Permits and ATC 20 Placards

**MEETING DATE:** November 3,2010

**PREPARED BY:** Community Development Director and Fire Chief

**RECOMMENDED ACTION:** Conduct public hearing to consider adoption of the 2010

California Building Code, Mechanical Code, Electrical Code, Plumbing Code, Residential Code, Green Building Standard

Code, Fire Code with Local Amendments including a fee schedule for Operational Permits and ATC 20 Placards.

BACKGROUND INFORMATION: Pursuant to Health and Safety Code Section 18938, the

California Building Standards Commission has selected January 1, 2011 as the effective date for the 2010 California

Building Code, 2010 California Mechanical Code, 2010 California Electrical Code, 2010 California Plumbing Code, 2010 California Residential Code, 2010 California Fire Code and 2010 California Green Building Standard Code.

Every three years, Building/Construction and Fire Codes are amended by the State to include provisions of the most recent version. The State of California Building Standards Commission adopts new State standards, which cities and counties are therefore mandated to adopt. If codes with amendments are not adopted locally by January 1, 2011, then cities are required to follow State codes only. The need for the new ordinances is to adopt specific Appendixes and/or Administration provisions not adopted by the State. An example of this is:

- Administration Chapter I, Division II has been amended to have the City Council
  sit as the board of appeals for alternate materials and types of construction versus
  a separate appointed board of appeals; and
- Appendix J will be adopted to assist staff and design professionals with clear direction for construction design guidelines for grading, excavation and earthwork.

The major change in this code cycle is the adoption of the California Residential Code which is based on the 2009 International Residential Code and California Green Building Standard Code. These changes will have some benefits and restrictions compared to the existing Codes. Some of the changes in the new residential code are as follows:

- 1) All building related construction requirements for residential structures are contained in the new Residential Code as opposed to the Building Code
- 2) Sprinkler systems are required for all new single-family dwellings

APPROVED:

Konradt Bartlam, Interim City Manager

- 3) Two options are provided for prescriptive braced wall panels
- 4) Reduction options are provided for attic ventilation
- 5) Carbon dioxide detectors are required in addition to smoke detectors

The Green Building Code has five mandatory measures; Planning and Design, Energy Efficiency, Water Efficiency and Conservation, Material Conservation and Resource Efficiency, and Environmental Quality for all new single family dwellings and new nonresidential buildings. Examples of some of the specific mandatory measures in each category are as follows:

#### Residential:

- 20-percent savings in potable water use
- Special outdoor irrigation controls such as soil moisture controls or weather-based controllers such as rain sensors
- Construction waste reduction of at least 50 percent
- Pollutant control, cover duct openings and protect equipment during construction
- Reduction in volatile organic compounds (VOC)

#### Nonresidential:

- Site development shot-–term and long-term bicycle parking, designated parking for low-emitting, fuel-efficient and car/van pool vehicles
- Separate water meters for buildings over 50,000 square feet, excess consumption more than 1,000 gal/day
- 20-percent savings in potable water use
- Separate water meters for buildings with landscaping areas between 1,000 square feet and 5,000 square feet
- Construction waste reduction of at least 50 percent
- Reduction in VOC

The major changes in the 2010 Fire Code this cycle are as follows:

- Administrative chapter that had been previously an appendix is now included in the State Fire Code. It has amended to have the City Council sit as the board of appeals. The Fire Code appeal process will be handled in the same as in Community Development for the building codes.
- 2) Appendix I specifies maintenance requirements for fire-suppression systems. This is intended to identify conditions that may occur when a fire-suppression system is not maintained properly. Identifies specific problems that are readily observable during a fire inspection and makes the system noncompliant until the components are replaced.
- 3) Chapter 16 and Appendixes E, F, and G, which address high hazards including cryogenics, crop-ripening operations and building identification for hazardous materials. In combination these code sections provide the means for classifying the hazard, establishing standards for site identification and emergency planning requirements.
- 4) Renaming of Municipal Codes to more closely align with the State Code Sections. This is being done to assist in researching codes section and for referencing between the related code sections.

Along with the Fire Code changes a fee schedule for operational permits is being recommended. Operational permitting has been a part of the State Fire Code but has not been implemented locally in past years. The implementation of permitting is to ensure extra hazard operations are inspected annually for compliance. Authority to set fees is currently in the Lodi Municipal Code Section 15.20.280 Permits- Required Fees. The fee schedule provided is based on current cost recovery for services conducted by Community Development. Implementation will take place over the next year jointly by Fire and Community Development. Initial operational permits would be

issued by Community Development during plan review and inspection. Permits would be reissued annually following an inspection by Fire and/or Community Development.

Applied Technology Council ATC-20 Placards ordinance: One of the functions of the Applied Technology Council ATC-20 publication field manual was the development of placards that clearly identified the condition of buildings to owners and occupants in the event of a disaster. These placards were first used after the Loma Prieta earthquake in 1989. A panel was convened by the Applied Technology Council to review ATC-20 and update the document based on the Loma Prieta experience. One of the major revisions to come from that panel was to revise the three placards. These revised placards have been included in the Post-Disaster Safety Assessment Program and in this document.

Placards have been widely used in past earthquakes to denote the condition of buildings and structures. In many cases, the placards have been those recommended in the ATC-20 publication. Unfortunately, most jurisdictions have not officially adopted placards. Technically, these unofficial placards represent only a recommendation from those who performed the evaluation. As a recommendation, the placards do not carry the weight of law and cannot be enforced. Adopting the placards by ordinance makes them official and enforceable. Once the placards have been adopted and before they are printed, our jurisdiction seal, ordinance number, and the responsible department's name, address, and phone number will added.

In past events, there have been a number of reports of placards being removed from buildings by owners or tenants. In other cases, there have been reports of the unauthorized change of placards, usually from UNSAFE to one of the other categories. In both cases, adopting placards by ordinance allows the jurisdiction to enforce the posting with local police if necessary. Placards are placed on a building to protect the owner, tenant, and the general public. No action should be permitted that would compromise such protection.

We have tried to notify all affected parties by meeting with BIA/Chamber on October 7, publication in the Lodi News Sentinel, as well as notices provided at the front counter. Informational handouts are currently being revised to reflect the new code requirements. These handouts will be available at the Building & Safety kiosk and on the City web page on or before January 1, 2011.

Staff's recommendation is to approve the 2010 codes and Placards as amended. The Ordinances have been presented in highlight format to more easily identify the changes to aid in review.

FISCAL IMPACT:

Not Applicable

**FUNDING AVAILABLE:** 

Not Applicable

Konradt Bartlam

Community Development Director

Kévin Donnelly

Fire Chief

DC/KD/kjc

Attachments:

■ Fee Schedule

OPERATIONAL FIRE PERMITS				
СНЕСК	PERMIT TYPE	PERMIT FEE	ANNUAL INSPECTION FEE	TOTAL FEE
	Above/Below Ground Fuel Storage Tank Installation	\$135	\$135/Tank	\$000/Tank
	Above/Below Ground Fuel Tank Removal	\$135	\$135/Tank	\$000/Tank
	Aerosol Products	\$135	\$135	\$000
	Amusement Buildings	\$135	\$135	\$000
	Aviation Facilities	\$135	\$135	\$000
	Carnivals & Fairs	\$135	NA	\$000
	Cellulose Nitrate Film	\$135	\$135	\$000
	Christmas Tree Lots	\$135	NA	\$000
	Combustible Dust-Producing Operations	\$135	\$135	\$000
	Combustible Fibers	\$135	\$135	\$000
	Compressed Gases	\$135	\$135	\$000
	Covered Mall Buildings	\$135	\$135	\$000
	Cryogenic Fluids	\$135	\$135	\$000
	Cutting & Welding	\$135	\$135	\$000
	Dry Cleaning Plants	\$135	\$135	\$000
	Exhibits and Trade Shows	\$135	\$135	\$000
	Explosives	\$135	\$135	\$000
	Fire Hydrants & Valves	\$135	\$135	\$000
	Flammable & Combustible Liquids	\$135	\$000	\$000
	Floor Finishing	\$135	NA	\$000
	Fruit and Crop Ripening	\$135	\$135	\$000
	Hazardous Materials	\$135	\$135	\$000
	Hazardous Production Material Facilities	\$135	\$135	\$000
	High-Piled Storage	\$135	\$135	\$000
	Hot Work Operations	\$135	\$135	\$000
	Industrial Ovens	\$135	\$135	\$000
	Lumber Yards and Woodworking Plants	\$135	\$135	\$000
	Liquid-or-Gas-Fueled Vehc. or Equip. in Assembly Bldgs.	\$135	\$135	\$000
	LP-Gas	\$135	\$135	\$000
	Magnesium	\$135	\$135	\$000
	Miscellaneous Combustible Storage	\$135	\$135	\$000
	Opening Burning	NA	NA	NA
	Open Candles, Flames, and Torches	\$25	NA	\$000
	Organic Coatings	\$135	\$135	\$000
	Places of Assembly	\$135	\$135	\$000
	Private Fire Hydrants	\$135	\$135	\$000
	Pyrotechnic/Special Effects Displays	\$135	\$135	\$000
	Pyroxylin Plastics	\$135	\$135	\$000
	Refrigeration Equipment	\$135	\$135	\$000

СНЕСК	PERMIT TYPE	PERMIT FEE	ANNUAL INSPECTION FEE	TOTAL FEE
	Repair Garages and Motor Fuel- Dispensing Facilities	\$135	\$135	\$000
	Rooftop Heliports	\$135	\$135	\$000
	Spraying or Dipping	\$135	\$135	\$000
	Storage of Scrap Tires and Tire Byproducts	\$135	\$135	\$000
	Temporary Membrane Structures, Tents and Canopies	\$135	\$135	\$000
	Tire-Rebuilding Plants	\$135	\$135	\$000
	Waste Handling Facilities	\$135	\$135	\$000
	Wood Products	\$135	\$135	\$000
	Christmas Tree Lots	\$135	NA	\$000
	Haunted Houses	\$135	NA	\$000
	Special Events	\$135	NA	\$000

Permit Fee is based on 1 hour of time \$ 135. This includes Counter time, phone calls, permit data entry for permit Technician, plan check data entry and any additional plan check beyond the standard plan check time for a new building or Tenant improvement.

Fee table can be expanded in certain categories by square footage i.e. bigger building longer it takes for inspections.

ORDINANCE NO.	
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AN ORDINANCE OF THE LODI CITY COUNCIL ADOPTING THE "2010 CALIFORNIA BUILDING CODE," VOLUMES 1 AND 2; THEREBY, REPEALING AND RE-ENACTING LODI MUNICIPAL CODE CHAPTER 15.04 IN ITS ENTIRETY

\_\_\_\_\_\_

NOW, THEREFORE, the City Council of the City of Lodi does ordain as follows:

<u>Section 1.</u> Lodi Municipal Code Chapter 15.04, "California Building Code," is hereby repealed in its entirety and reenacted to read as follows:

# Chapter 15.04

# **Building Code**

15.04.010	Adoption.
15.04.020	CBC Chapter 1, Division II (Board of Appeals).
15.04.030	CBC Chapter 1, Division II (Building Permit Fees and Valuation).
15.04.040	Fee Schedule.
15.04.050	Special Inspections – Downtown Business District.
15.04.050	Repetitive Submittals (Master Plans).
15.04.060	Violation – Misdemeanor.
15.04.010	Adoption

The provisions set forth in the 2010 California Building Code, Volumes 1 and 2, including Chapter 1, Division II, Appendix I and J, thereto, are hereby adopted as the Building Code of the City of Lodi and copies of the same are maintained by the City Building Official and available for review in the Community Development Department. The Building Code of the City of Lodi shall apply to all matters pertaining to the erection, construction, enlargement, alteration, repair, moving, removal, conversion, demolition, occupancy, equipment, use, height, area, and maintenance of buildings or structures in the City of Lodi, California; the issuance of building permits and the collection of fees therefore; and the enforcement of the rules and regulations as set forth in said "2010 California Building Code," Volumes 1 and 2, and the above designated appendixes thereto.

#### 15.04.020 CBC Chapter 1, Division II (Board of Appeals)

Sec.113.1 - In order to determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of this Chapter, the City Council shall sit as a board of appeals. The Building Official shall be an ex-officio member and shall act as secretary of the Board. Three members present shall constitute a quorum and no act of the board shall be valid unless a majority of the full board shall concur therein.

The board of appeals shall adopt reasonable rules and regulations for conducting a meeting and investigations and shall render a decision and findings in duplicate. A copy will go to the Building Official with the other copy to the applicant.

## 15.04.030 CBC Chapter 1, Division II (Building Permit Fees and Valuation)

<u>Sec. 109.1</u>. Building Permit Fees. A fee for each building permit required by this Chapter shall be paid to the City of Lodi. Fees shall be paid prior to permit issuance.

Section 109.3. The determination of value or valuation under any of the provisions of this Chapter shall be made by the Building Official and shall be based on the latest building valuation data as printed in the Building Safety Journal, published by the International Code Council, 5360 South Workman Mill Road, Whittier, CA 90601. The valuation to be used in computing the permit and plan check fees shall be the total value of all construction work, including materials and labor for which the permit is issued, as well as all finish work, painting, roofing, electrical, plumbing, heating, air conditioning, elevators, fire extinguishing systems and any other permanent work or permanent equipment.

EXCEPTION: The Building Official shall determine the valuation when no applicable data is available in Building Safety Journal.

## 15.04.040 Fee Schedule

The schedule of building permit fees required by this Chapter will be those established and adopted by the City Council from time to time by resolution.

# 15.04.050 Special Inspections – Downtown business district

- A. Notwithstanding any other provision of this Chapter, special inspection fees required to determine compliance with this Chapter for all buildings and structures located within the area designated by Lodi Municipal Code Section 13.12.195(B) as the "downtown business district" are waived.
- B. The City Council finds and declares that the waiver of special inspection fees is taken to protect and preserve a crucial part of City's economy and to preserve a portion of the City's heritage by offering incentives for businesses to locate, relocate, or expand existing commercial uses within the "downtown business district."

## 15.04.060 Violation – Misdemeanor

- A. It is unlawful for any person to erect, construct, enlarge, alter, repair, move, improve, remove, convert, or demolish, equip, use, occupy, or maintain any building or structure located within the City, or cause the same to be done, contrary to or in violation of any of the provisions of this Chapter.
- B. Any person, firm, or corporation violating any of the provisions or failing to comply with any of the mandatory requirements of this Chapter is guilty of a misdemeanor punishable on conviction as set forth in Chapter 1.08 of this Code. Each separate day or any portion of thereof, during which any violation of this Chapter occurs or continues, shall be deemed to constitute a separate offense and punished accordingly.

C.		set forth in Section 15.04.060(B) above, City seek to enforce this Chapter under Chapter
not be construor employee	ued or given effect in a mann thereof, a mandatory duty of e of the City so as to provide	e. This ordinance is not intended to and shall er which imposes upon the City, or any officer f care towards persons or property within the a basis of civil liability for damages, except as
provisions or provision or a City Council	n or circumstances is held applications of the ordinance pplication. To this end, the p	on of this ordinance or the application thereof invalid, such invalidity shall not affect other which can be given effect without the invalid rovisions of this ordinance are severable. The d have adopted this ordinance irrespective of of.
Section 4. insofar as suc	All ordinances and parts of conflict may exist.	ordinances in conflict herewith are repealed
	general circulation printed ar e effect January 1, 2011, whic	lished one time in the "Lodi News Sentinel," and published in the City of Lodi, and shall be in the date is at least 30 days after the passage of
		Approved thisday of November, 2010
Attest:		PHIL KATZAKIAN Mayor
, moon		
RANDI JOHL City Clerk		

I, Randi Johl, City Clerk of the City of Lodi, do hereby certify that Ordinance No. \_\_\_ was introduced at a regular meeting of the City Council of the City of Lodi held November 3, 2010, and was thereafter passed, adopted, and ordered to print at a regular meeting of said Council held November\_\_\_\_\_, 2010, by the following vote: AYES: COUNCIL MEMBERS -NOES: COUNCIL MEMBERS -ABSENT: COUNCIL MEMBERS -ABSTAIN: COUNCIL MEMBERS -I further certify that Ordinance No. was approved and signed by the Mayor on the date of its passage and the same has been published pursuant to law. RANDI JOHL City Clerk Approved as to Form: D. STEPHEN SCHWABAUER City Attorney, City of Lodi By:\_ JANICE D. MAGDICH

State of California

County of San Joaquin, ss.

Deputy City Attorney

ORDINANCE NO.	
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AN ORDINANCE OF THE LODI CITY COUNCIL ADOPTING THE "2010 CALIFORNIA MECHANICAL CODE"; THEREBY, REPEALING AND RE-ENACTING LODI MUNICIPAL CODE CHAPTER 15.08 IN ITS ENTIRETY

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NOW, THEREFORE, the City Council of the City of Lodi does ordain as follows:

<u>Section 1.</u> Lodi Municipal Code Chapter 15.08, "California Mechanical Code," is hereby repealed and reenacted in its entirety to read as follows:

### Chapter 15.08

## Mechanical Code

15.08.010	Adoption.
15.08.020	Mechanical Permit Fees.
15.08.030	Fee Schedule.
15.08.040	Investigation Fee
15.08.050	Installation.
15.08.060	CMC Chapter 1, Division II (Board of Appeals)
15.08.070	Violation – Misdemeanor.
15.08.010	Adoption

The provisions set forth in the "2010 California Mechanical Code," together with Chapter 1, Administration Division II, are hereby adopted as the Mechanical Code of the City of Lodi and copies of the same are maintained by the City Building Official and available for review in the Community Development Department. The Mechanical Code of the City of Lodi shall apply to all matters pertaining to erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of any heating, ventilation, comfort cooling, refrigeration systems, incinerators or other miscellaneous heat-producing appliances; to the issuance of permits and the collection of fees therefore; and the enforcement of the rules and regulations as set forth in said "2010 California Mechanical Code," within the City of Lodi.

## 15.08.020 Mechanical Permit Fees

A fee for each mechanical permit required by this Chapter shall be paid to the City of Lodi. Fees shall be paid prior to permit issuance.

#### 15.08.030 Fee Schedule

Section 115.2 is amended to read as follows: The schedule of Mechanical Permit fees required by this Chapter will be those established and adopted by the City Council from time to time by resolution.

# 15.08.040 Investigation Fee – Work Without a Permit

Sections 115.5, 115.5.1, and 115.2 are amended to read as follows: Work Commenced before permit is issued. Any person who commences work requiring a

permit before obtaining the necessary permits shall be subject to a fee established by the applicable governing authority that shall be in addition to the required permit fee.

#### 15.08.050 Installation

Section 304.1 Installation. The California Mechanical Code adopted in Section 15.08.010, is amended to read as follows:

Section 304.1. 2. Location of heating and cooling equipment. Heating, cooling, and swimming pool equipment shall not be located within the required five-foot side yard setback as defined by the City of Lodi Zoning Ordinance for residential zonings.

## 15.08.060 CMC Chapter 1, Division II (Board of Appeals)

Sec.110.1 - In order to determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of this Chapter, the City Council shall sit as a Board of Appeals. The Building Official shall be an ex-officio member and shall act as secretary of the Board. Three members present shall constitute a quorum and no act of the board shall be valid unless a majority of the full board shall concur therein.

The Board of Appeals shall adopt reasonable rules and regulations for conducting a meeting and investigations and shall render a decision and findings in duplicate. A copy will go to the Building Official with the other copy to the applicant.

#### 15.08.070 Violation – Misdemeanor

- A. It shall be unlawful for any person, to erect, install, alter, repair, relocate, add to, replace, use, or maintain heating, ventilating, comfort cooling, or refrigeration equipment in the jurisdiction, or cause the same to be done, contrary to or in violation of any of the provision of this Chapter. Maintenance of equipment which was unlawful at the time it was installed and which would be unlawful under this Code if installed after effective date of this Chapter, shall constitute a continuing violation of this Chapter.
- B. Any person, firm, or corporation violating any of the provisions or failing to comply with any of the mandatory requirements of this Chapter is guilty of a misdemeanor punishable on conviction as set forth in Chapter 1.08 of this Code. Each separate day or any portion of thereof, during which any violation of this Chapter occurs or continues, shall be deemed to constitute a separate offense and punished accordingly.
- C. In addition to the penalties set forth in Section 15.08.070(B) above, City may at its sole discretion, seek to enforce this Chapter under Chapter 1.10 of this Code.
- <u>Section 2</u>. No Mandatory Duty of Care. This ordinance is not intended to and shall not be construed or given effect in a manner which imposes upon the City, or any officer or employee thereof, a mandatory duty of care towards persons or property within the City or outside if the City so as to provide a basis of civil liability for damages, except as otherwise imposed by law.
- <u>Section 3</u>. Severability. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid

provision or application. To this end, the provisions of this ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.

<u>Section 4</u>. All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.

<u>Section 5</u>. This ordinance shall be published one time in the "Lodi News Sentinel," a daily newspaper of general circulation printed and published in the City of Lodi, and shall be in force and take effect January 1, 2011, which date is at least 30 days after passage of this ordinance.

		Approved this	day of November, 2010
Attest:		PHIL KATZAKIAI Mayor	N
RANDI JOHL City Clerk			
State of California County of San Joa			
was introdu November 3, 201	ced at a regular mee 0, and was thereaft	eting of the City Coun	certify that Ordinance No. cil of the City of Lodi held and ordered to print at a y the following vote:
AYES:	COUNCIL MEME	BERS –	
NOES:	COUNCIL MEME	BERS –	
ABSENT:	COUNCIL MEME	BERS –	
ABSTAIN:	COUNCIL MEME	BERS –	
		No was approve e has been published p	d and signed by the Mayor pursuant to law.
		RANDI JOHL City Clerk	
Approved as to Fo D. STEPHEN SCH City Attorney, City	HWABAUER		
	MAGDICH y Attorney		

OF	1IOS	1A/	<b>VCE</b>	NO	

AN ORDINANCE OF THE LODI CITY COUNCIL ADOPTING THE "2010 CALIFORNIA ELECTRICAL CODE"; THEREBY, REPEALING AND RE-ENACTING LODI MUNICIPAL CODE CHAPTER 15.16 IN ITS ENTIRETY

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NOW, THEREFORE, the City Council of the City of Lodi does ordain as follows:

<u>Section 1.</u> Lodi Municipal Code Chapter 15.16, "California Electrical Code," is hereby repealed and reenacted in its entirety to read as follows.

Chapter 15.16

## **Electrical Code**

#### Sections:

15.16.010	Adoption
15.16.020	Fees
15.16.030	Fee Schedule
15.16.040	Investigation Fee
15.16.050	Appeals Board
15.16.060	<b>Inspectors Qualifications</b>
15.16.070	Violation - Misdemeanor
15.16.010	Adoption

The provisions set forth in the "2010 California Electrical Code" together with Annex C, Annex H, and Administration and Enforcement thereto, are hereby adopted as the Electrical Code of the City of Lodi and copies of the same are maintained by the City Building Official and available for review in the Community Development Department. The Electrical Code of the City of Lodi shall apply to all matters pertaining to the installation, alteration, or addition of electrical wiring, devices, appliances, or equipment in the City of Lodi, California; and the enforcement of the rules and regulations as set forth in the 2010 California Electrical Code and Annex thereto together with Annex C, Annex H and Administration and Enforcement thereto.

#### 15.16.020 Fees

A fee for each electrical permit required by this Code shall be paid to the City of Lodi. Fees shall be paid prior to permit issuance.

#### 15.16.030 Fee Schedule

The Schedule of Electrical Permit Fees required by this Chapter will be those established and adopted by the City Council from time to time by Resolution.

# 15.16.040 Investigation Fee – Work Without a Permit

Work Commenced before permit is issued. Any person who commences work requiring a permit before obtaining the necessary permits shall be subject to a fee established by the applicable governing authority that shall be in addition to the required permit fee.

## 15.16.050 Appeals Board (CEC Annex H)

Annex H 80.15 - is amended to read: In order to determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of this Chapter, the City Council shall sit as a board of appeals. The Building Official shall be an ex-officio member and shall act as secretary of the Board. Three members present shall constitute a quorum and no act of the board shall be valid unless a majority of the full board shall concur therein.

The board of appeals shall adopt reasonable rules and regulations for conducting a meeting and investigations and shall render a decision and findings in duplicate. A copy will go to the Building Official with the other copy to the applicant.

## 15.16.060 Inspectors Qualifications

Annex H 80.27- is amended to read: All electrical inspectors shall meet the minimum certification and experience as required by the City of Lodi's job discription.

#### 15.16.070 Violation – Misdemeanor

- A. It shall be unlawful for any person, firm, or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert, demolish, equip, use, or maintain any electrical wiring, devices, appliances or equipment or permit the same to be done in violation of this Chapter.
- B. Any person, firm, or corporation violating any of the provisions or failing to comply with any of the mandatory requirements of this Chapter is guilty of a misdemeanor punishable on conviction as set forth in Chapter 1.08 of this Code. Each separate day or any portion of thereof, during which any violation of this Chapter occurs or continues, shall be deemed to constitute a separate offense and punished accordingly.
- C. In addition to the penalties set forth in Section 15.16.070(B) above, City may at its sole discretion, seek to enforce its Building Code under Chapter 1.10 of this Code.
- <u>Section 2 No Mandatory Duty of Care.</u> This ordinance is not intended to and shall not be construed or given effect in a manner which imposes upon the City, or any officer or employee thereof, a mandatory duty of care towards persons or property within the City or outside of the City so as to provide a basis of civil liability for damages, except as otherwise imposed by law.
- <u>Section 3 Severability</u>. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application. To this end, the provisions of this ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.
- <u>Section 4.</u> All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.

newspaper of general circula	e shall be published one time in the "Lodi News Sentinel," a ation printed and published in the City of Lodi, and shall be in y 1, 2011, which date is at least 30 days after the passage of
and Gramaneer	Approved this day of November, 2010
	PHIL KATZAKIAN Mayor
Attest:	
RANDI JOHL City Clerk	
State of California County of San Joaquin, ss.	
was introduced at a re November 3, 2010, and was	erk of the City of Lodi, do hereby certify that Ordinance No. egular meeting of the City Council of the City of Lodi held as thereafter passed, adopted, and ordered to print at a noil held, 2010, by the following vote:
AYES:	COUNCIL MEMBERS –
NOES:	COUNCIL MEMBERS –
ABSENT:	COUNCIL MEMBERS –
ABSTAIN	COUNCIL MEMBERS –
	Ordinance No was approved and signed by the Mayor and the same has been published pursuant to law.
	RANDI JOHL City Clerk
Approved as to Form:	
D. STEVEN SCHWABAUER City Attorney, City of Lodi	
By JANICE MAGDICH Deputy City Attorney	

OR	DIN	ANCE	NO.	

AN ORDINANCE OF THE LODI CITY COUNCIL ADOPTING THE "2010 CALIFORNIA PLUMBING CODE"; THEREBY, REPEALING AND REENACTING LODI MUNICIPAL CODE CHAPTER 15.12 IN ITS ENTIRETY

\_\_\_\_\_\_

NOW, THEREFORE, the City Council of the City of Lodi does ordain as follows:

<u>Section 1</u>. Lodi Municipal Code Chapter 15.12, "California Plumbing Code," is hereby repealed and reenacted to read as follows:

Chapter 15.12

# Plumbing Code

15.12.010	Adoption.
15.12.020	Department Having Jurisdiction.
15.12.030	Plumbing Permit Fees.
15.12.040	Fee Schedule.
15.12.050	Investigation Fee
15.12.060	Violation – Misdemeanor.
15 12 010	Adoption

The provisions set forth in the "2010 California Plumbing Code" together with Chapter 1 Administration Division II are hereby adopted as the Plumbing Code of the City of Lodi and copies of the same are maintained by the City Building Official and available for review in the Community Development Department. The Plumbing Code of the City of Lodi shall apply to all matters pertaining to plumbing, drainage systems and gas fittings in the City of Lodi.

#### 15.12.020 Department Having Jurisdiction

The Building Division of the Community Development Department and the Building Official or his/her authorized representative shall enforce the provisions of this Chapter and shall have all of the duties and rights of the Administrative Authority as provided in the 2010 California Plumbing Code.

#### 15.12.030 Plumbing Permit Fees

A fee for each plumbing permit required by this Chapter shall be paid to the City of Lodi. Fees shall be paid prior to permit issuance.

#### 15.12.040 Fee Schedule

Section 103.4 The schedule of plumbing permit fees required by this Chapter will be those established and adopted by City Council from time to time by resolution.

# 15.16.050 Investigation Fee – Work Without a Permit

Work Commenced before permit is issued. Any person who commences work requiring a permit before obtaining the necessary permits shall be subject to a fee established by the applicable governing authority that shall be in addition to the required permit fee.

### 15.12.060 Violation – Misdemeanor

- A. It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert, demolish, equip, use or maintain any plumbing or permit the same to be done in violation of this Chapter.
- B. Any person, firm, or corporation violating any of the provisions or failing to comply with any of the mandatory requirements of this Chapter is guilty of a misdemeanor punishable on conviction as set forth in Chapter 1.08 of this Code. Each separate day or any portion of thereof, during which any violation of this Chapter occurs or continues, shall be deemed to constitute a separate offense and punished accordingly.
- C. In addition to the penalties set forth in Section 15.12.060(B) above, City may at its sole discretion, seek to enforce this Chapter under Chapter 1.10 of this Code.
- <u>Section 2</u>. No Mandatory Duty of Care. This ordinance is not intended to and shall not be construed or given effect in a manner which imposes upon the City, or any officer or employee thereof, a mandatory duty of care towards persons or property within the City or outside of the City so as to provide a basis of civil liability for damages, except as otherwise imposed by law.
- <u>Section 3</u>. Severability. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application. To this end, the provisions of this ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.
- <u>Section 4</u>. All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.
- <u>Section 5</u>. This ordinance shall be published one time in the "Lodi News Sentinel," a newspaper of general circulation, printed and published in the City of Lodi, and shall be in force and take effect January 1, 2011, which date is at least 30 days after passage of this ordinance.

		Approved this	_ day of November, 2010
Attest:		PHIL KAZATKIAN Mayor	I
RANDI JOHL City Clerk			
State of California County of San Joaq	uin, ss.		
was introduced at November 3, 2010	a regular meeting, and was thereafted	of the City Council	certify that Ordinance of the City of Lodi held and ordered to print at a y the following vote:
AYES:	COUNCIL MEMB	SERS –	
NOES:	COUNCIL MEMB	SERS –	
ABSENT:	COUNCIL MEMB	SERS –	
ABSTAIN:	COUNCIL MEMB	SERS –	
		was approved ar as been published purs	nd signed by the Mayor or cuant to law.
Approved as to Forr	m:	RANDI JOHL, Cit	y Clerk
D. STEPHEN SCHV City Attorney, City o			
By:JANICE D. N Deputy City			

ORDINANCE	NO.
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AN ORDINANCE OF THE LODI CITY COUNCIL AMENDING TITLE 15 "BUILDINGS AND CONSTRUCTION" BY ADDING CHAPTER 15.06, ADOPTING THE "2010 CALIFORNIA RESIDENTIAL BUILDING CODE"

\_\_\_\_\_\_

NOW, THEREFORE, the City Council of the City of Lodi does ordain as follows:

<u>Section 1.</u> Lodi Municipal Code Title 15 – Buildings and Construction – is hereby amended by adding Chapter 15.06, "California Residential Code," to read as follows:

## Chapter 15.06

#### Residential Code

15.06.010	Adoption.
15.06.020	CBC Chapter 1, Division II (Board of Appeals).
15.06.030	CBC Chapter 1, Division II (Building Permit Fees and Valuation).
15.06.040	Fee Schedule.
15.06.050	Repetitive Submittals (Master Plans).
15.06.060	Violation – Misdemeanor.

## 15.06.010 Adoption

The provisions set forth in the 2010 California Residential Code, including Chapter 1, Division II, Appendix G, H, and J, sections AJ102.4, AJ501.7, AJ501.8, AJ601 only, thereto, are hereby adopted as the Residential Building Code of the City of Lodi and copies of the same are maintained by the City Building Official and available for review in the Community Development Department. The Residential Code of the City of Lodi shall apply to all matters pertaining to the erection, construction, enlargement, alteration, repair, moving, removal, conversion, demolition, occupancy, equipment, use, height, area, and maintenance of buildings or structures in the City of Lodi, California; the issuance of building permits and the collection of fees therefore; and the enforcement of the rules and regulations as set forth in said "2010 California Residential Code, and the above-designated appendixes thereto.

#### 15.06.020 CBC Chapter 1 Division II (Board of Appeals)

<u>Sec.112.1</u> - In order to determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of this Chapter, the City Council shall sit as a board of appeals. The Building Official shall be an ex-officion member and shall act as secretary of the Board. Three members present shall constitute a quorum and no act of the board shall be valid unless a majority of the full board shall concur therein.

The board of appeals shall adopt reasonable rules and regulations for conducting a meeting and investigations and shall render a decision and findings in duplicate. A copy will go to the Building Official with the other copy to the applicant.

15.06.030 CBC Chapter 1, Division II (Building Permit Fees and Valuation)

<u>Sec. 108.1</u>. Building Permit Fees. A fee for each building permit required by this Chapter shall be paid to the City of Lodi. Fees shall be paid prior to permit issuance.

Section 108.3. The determination of value or valuation under any of the provisions of this Chapter shall be made by the Building Official and shall be based of the latest building valuation data as printed in the Building Safety Journal, published by the International Code Council, 5360 South Workman Mill Road, Whittier, CA 90601. The valuation to be used in computing the permit and plan check fees shall be the total value of all construction work, including materials and labor for which the permit is issued, as well as all finish work, painting, roofing, electrical, plumbing, heating, air conditioning, elevators, fire extinguishing systems and any other permanent work or permanent equipment.

EXCEPTION: The Building Official shall determine the valuation when no applicable data is available in Building Safety Journal.

#### 15.06.040 Fee Schedule

The schedule of building permit fees required by this Chapter will be those established and adopted by the City Council from time to time by resolution.

# 15.06.050 Repetitive submittals (Master Plans)

- A. Fees for the repetitive submittals of Master Plans shall be as follows:
  - 1. Original plan: 100% of building permit fee, plus 10%.
  - 2. Subsequent plans: 25% of building permit fee.
  - 3. City's Residential Code (Chapter 15.06) is subject to review and adoption every three years; as such, Master Plans expire upon the effective date of City's most recent Residential Code.

#### 15.06.060 Violation – Misdemeanor

- A. It is unlawful for any person to erect, construct, enlarge, alter, repair, move, improve, remove, convert, or demolish, equip, use, occupy, or maintain any building or structure located within the City, or cause the same to be done, contrary to or in violation of any of the provisions of this Chapter.
- B. Any person, firm, or corporation violating any of the provisions or failing to comply with any of the mandatory requirements of this Chapter is guilty of a misdemeanor punishable on conviction as set forth in Chapter 1.08 of

this Code. Each separate day or any portion of thereof, during which any violation of this Chapter occurs or continues, shall be deemed to constitute a separate offense and punished accordingly.

C. In addition to the penalties set forth in Section 15.06.060(B) above, City may at its sole discretion, seek to enforce this Chapter under Chapter 1.10 of this Code.

<u>Section 2.</u> No Mandatory Duty of Care. This ordinance is not intended to and shall not be construed or given effect in a manner which imposes upon the City, or any officer or employee thereof, a mandatory duty of care towards persons or property within the City or outside of the City so as to provide a basis of civil liability for damages, except as otherwise imposed by law.

<u>Section 3.</u> <u>Severability.</u> If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application. To this end, the provisions of this ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.

<u>Section 4</u>. All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.

<u>Section 5</u>. This ordinance shall be published one time in the "Lodi News Sentinel," a newspaper of general circulation printed and published in the City of Lodi, and shall be in force and take effect January 1, 2011, which date is at least 30 days after the passage of this ordinance.

	Approved this day of November, 2010
Attest:	PHIL KATZAKIAN Mayor
RANDI JOHI City Clerk	

State of California County of San Joaquin, ss.

Novem	was introduced nber 3, 2010,	I at a regular meeting and was thereafter p	of Lodi, do hereby certify that Ordinance No. of the City Council of the City of Lodi held assed, adopted, and ordered to print at a, 2010, by the following vote:
	AYES:	COUNCIL MEMBERS	S –
	NOES:	COUNCIL MEMBERS	S –
	ABSENT:	COUNCIL MEMBERS	<b>S</b> –
	ABSTAIN:	COUNCIL MEMBERS	<b>}</b> –
on the			was approved and signed by the Mayor been published pursuant to law.
Approv	ved as to Form	:	RANDI JOHL, City Clerk
_	EPHEN SCHW. torney, City of	=	
Ву:	JANICE D. M/ Deputy City A		

ORDINANCE NO
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AN ORDINANCE OF THE LODI CITY COUNCIL AMENDING TITLE 15 "BUILDINGS AND CONSTRUCTION" BY ADDING CHAPTER 15.18, ADOPTING THE "2010 CALIFORNIA GREEN BUILDING STANDARD CODE,"

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#### BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LODI AS FOLLOWS:

<u>Section 1.</u> Lodi Municipal Code Title 15 – Buildings and Construction – is hereby amended by adding Chapter 15.18, adopting the "2010 California Green Building Standard Code" to read as follows:

Chapter 15.18

# Green Building Code

15.18.010 Adoption.

The provisions set forth in the 2010 California Green Building Standard Code, is hereby adopted as the Green Building Code of the City of Lodi and a copy of the same are maintained by the City Building Official and available for review in the Community Development Department. The Green Building Code of the City of Lodi shall apply to the planning, design, operations, construction, use and occupancy of every newly constructed building or structure requiring a Building Permit in the City of Lodi, California.

- <u>Section 2.</u> No Mandatory Duty of Care. This ordinance is not intended to and shall not be construed or given effect in a manner which imposes upon the City, or any officer or employee thereof, a mandatory duty of care towards persons or property within the City or outside of the City so as to provide a basis of civil liability for damages, except as otherwise imposed by law.
- <u>Section 3.</u> <u>Severability.</u> If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application. To this end, the provisions of this ordinance are severable. The City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.
- <u>Section 4</u>. All ordinances and parts of ordinances in conflict herewith are repealed insofar as such conflict may exist.
- <u>Section 5</u>. This ordinance shall be published one time in the "Lodi News Sentinel," a newspaper of general circulation printed and published in the City of Lodi, and shall be in force and take effect January 1, 2011, which date is at least 30 days after the passage of this ordinance.

			Approved this	_ day of November, 2010
Attest			PHIL KATZAKIAN Mayor	
RAND City C	I JOHL lerk			
	of California y of San Joaqu	iin, ss.		
2010,	ntroduced at a and was there	City Clerk of the City of Loc regular meeting of the City C eafter passed, adopted, and per, 2010, by the followin	Council of the City ordered to print at	of Lodi held November 3,
	AYES:	COUNCIL MEMBERS -		
	NOES:	COUNCIL MEMBERS -		
	ABSENT:	COUNCIL MEMBERS -		
	ABSTAIN:	COUNCIL MEMBERS -		
date c		y that Ordinance No want the same has been publish		
			RANDI JOHL City Clerk	
Appro	ved as to Form	<b>:</b>		
	EPHEN SCHW ttorney, City of	_		
Ву:	JANICE D. M. Deputy City A			

ORDINANCE I	NO.
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AN ORDINANCE OF THE LODI CITY COUNCIL ADOPTING THE "2010 CALIFORNIA FIRE CODE"; THEREBY REPEALING AND REENACTING THE LODI MUNICIPAL CODE CHAPTER 15.20 IN ITS ENTIRETY

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THE CITY COUNCIL OF THE CITY OF LODI DOES ORDAIN AS FOLLOWS:

<u>Section 1.</u> Lodi Municipal Code Chapter 15.20, "California Fire Code," is hereby repealed in its entirety and reenacted to read as follows:

# CHAPTER 15.20 FIRE CODE

Section:	
15.20.010	Adoption
15.20.020	Enforcement
15.20.030	Definitions
15.20.040	Findings and Filings
15.20.050	Open Burning, Recreational Fires and Portable Outdoor Fireplaces
15.20.060	Open Flames - Religious Ceremonies
15.20.070	Misc. Combustible Material Storage - Pallets, Palletized Packing Boxes,
	and Bin Boxes
15.20.080	Fire Apparatus Access Roads - Dimensions
15.20.090	Fire Apparatus Access Roads - Surfaces
15.20.100	Premises Identification
15.20.110	Key Boxes - Hazardous Materials Management Plan Box
15.20.120	Emergency Responder Radio Coverage - Public Safety Radio
	Building Amplification System
15.20.130	Fuel - Fired Appliances Gas Meters - Gas Service Identification
15.20.140	Electrical Equipment Wiring and Hazards - Electrical Disconnect
15.20.150	Fire Protection Systems - System Maintenance
15.20.160	Automatic Sprinkler Systems
15.20.170	Sprinkler Coverage Identification
15.20.180	Fire Control Room
15.20.190	Fire Alarm and Detection System Certification
15.20.200	Precautions Against Fire - Opening Burning Construction Sites
15.20.210	Tire Rebuilding and Tire Storage - Inside Tire Storage
15.20.220	Explosives and Fireworks - Seizure of Fireworks
15.20.230	<b>Explosives and Fireworks - Limits Explosive and Blasting Agents</b>
15.20.240	Explosives and Fireworks - Manufacturing of Fireworks
15.20.250	Storage - Locations Where Aboveground Tanks are Prohibited
	Class I & II Liquids
15.20.260	General Authority - Contract Inspector
15.20.270	General Authority - Fire investigators
15.20.280	Permits - Required Fees
15.20.290	Permits - Inspection Authorized
15.20.300	Permits - Revocation
15.20.310	Permits - Required
15.20.320	Inspections - Administrative Costs
15.20.325	Board of Appeals
15.20.330	Violations - Administrative Enforcement Provisions

15.20.340	Violations - Abatement of Hazard by Fire Code Official
15.20.350	Unsafe Building - Structural fires
15.20.360	Stop Work Order - Failure to comply
15.20.370	Fire Hydrants - Location and Distribution, Distribution of fire hydrants
15.20.380	Changes or modifications
	-

# 15.20.010 Adoption

The provisions set forth in the 2010 California Fire Code, including Chapters 1, Division II, Chapters 3, 16 and 25, and Appendix Chapters B, D, E, F, G, I and J, are hereby adopted as the Fire Code of the City of Lodi, and copies of the same are maintained by the City Building Official and available for review in the Community Development Department. The Fire Code of the City of Lodi shall regulate and govern the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life and property in the occupancy of buildings and premises as herein provided; providing for the issuance of permits and collection of fees therefore; and the enforcement of the rules and regulations as set forth in said "2010 California Fire Code," and the above-designated appendixes thereto.

#### 15.20.020 Enforcement

Peace officers and persons employed in positions authorized to exercise the authority provided in California Penal Code Section 836.5 are authorized to issue citations for violation of this Chapter. The following designated employee positions may enforce the provisions of this Chapter by issuance of citations: the City Manager or his/her duly authorized representative, the Fire Chief, the Fire Marshal, Fire Inspectors and all sworn members of the City's fire department

#### **15.20.030** Definitions

- a) Whenever the words "International Fire Code" are used in this Chapter, it shall mean the California Fire Code, Title 24, California Code of Regulations, and Part 9.
- b) Whenever the word "municipality" is used in the California Fire Code, it shall mean the City of Lodi.
- c) Whenever the words "Chief" or "Fire Code Official" is used in the California Fire Code, they shall mean the Fire Chief for the City of Lodi or his/her designated representative.

# 15.20.040 Findings and filings

The findings of fact\_required in accordance with Health and Safety Code Section 17958.5 are set forth in Section 15.20.380 of this Chapter and are filed separately with the California Building Standards Commission and Lodi City Clerk's Office.

# 15.20.050 Open burning, Recreational Fires and Portable Outdoor Fireplaces

## Section 307.1 of the California Fire Code is hereby amended to read as follows:

A person shall not kindle or authorize to be kindled or maintain any outdoor burning within the limits of the City of Lodi, except that this section shall not prohibit those fires that are approved by the Fire Code Official for the following purposes:

a. The prevention of a fire hazard that cannot be evaded by any other means.

- b. The instruction of public employees in the methods of fighting fire.
- c. The instruction of employees in the methods of fighting fire, when such fire is set, pursuant to permit, on property used for industrial purposes.
- d. The setting of backfires necessary to save life or valuable property pursuant to Section 4462 of the Public Resource Code.
- e. The abatement of fire hazards pursuant to Section 13055 of the Health and Safety Code.
- f. Disease or pest prevention, where there is an immediate need for and no reasonable alternative to burning.

Nothing in this section shall be construed as prohibiting open outdoor fires used only for cooking food for human consumption where such use is accomplished in an approved fireplace or barbecue pit, or for recreational purposes in areas approved by the Fire Code Official, provided that the combustible is clear dry wood or charcoal and it is a permissive burn day. Approval shall be in accordance with Sections 307.1.1 – 307.5 of the California Fire Code.

## 15.20.060 Open Flames - Religious Ceremonies

# Section 308.1.7 of the California Fire Code is hereby deleted:

Title 19 of the California Code of Regulations – Public Safety - Section 3.25 (b) supersedes this section thereby making the carrying of hand-held candles illegal.

# 15.20.070 Miscellaneous Combustible Materials Storage - Pallets, Palletized Packing Boxes and Bin Boxes

## Section 315 of the California Fire Code is hereby amended to add the following:

A permit shall be required to store pallets, palletized packing boxes or bin boxes in excess of 30,000 board feet, in accordance with the following restrictions.

Pallets, palletized packing boxes and bin boxes shall be piled with due regard to stability of piles and in no case higher than 12 feet. Where pallets are piled next to a property line, the distance from the property line shall not be less than one half the pile height and in no case less than 5 feet from the property line.

Exception: Bin boxes may be stacked to a maximum height of 20 feet.

Driveways between and around pallets, bin boxes and palletized packing boxes shall be a minimum of 20 feet wide and maintained free from accumulations of rubbish, weeds, machinery or other articles that would block access or add to the fire hazard. Driveways shall be spaced so a maximum grid of storage is no more than 50 feet by 50 feet.

Pallets, palletized packing boxes, and bin boxes, operating under a permit, shall be enclosed by a suitable fence of at least 6 feet in height, unless storage is in a building.

An approved water supply and/or fire hydrants capable of supplying the required fire flow shall be provided to the premises within all portions of the storage areas in accordance with Section 507, California Fire Code and Lodi Municipal Code 15.20.370.

For permitting purposes one pallet will be calculated as having 25 board feet and palletized packing boxes and bin boxes will be calculated based on average board feet per box.

# 15.20.080 Fire Apparatus Access Roads - Dimensions

## Section 503.2.1 of the California Fire Code is hereby amended to read as follows:

Fire apparatus access roads shall have an unobstructed width of not less than 24 feet, exclusive of shoulders, except for approved security gates in accordance with Section 503.6 of the California Fire Code and an unobstructed vertical clearance of not less than 13 feet 6 inches.

# 15.20.090 Fire Apparatus Access Roads - Surfaces

# Section 503.2.3 of the California Fire Code is hereby amended to read as follows:

Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall provide a permanent surface of asphalt or concrete installed the full width of all streets, cul-de-sacs and fire lanes.

#### 15.20.100 Premises Identification

## Section 505.1 of the California Fire Code is hereby amended to read as follows:

#### A. Address Identification

New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be a minimum of 4 inches high with a minimum stroke width of 0.5 inch.

The approved minimum size dimensions of the numbers shall be as specified by Table 1.

Where a building is set back from the street or road fronting the property and where addresses may not be clearly identifiable due to distance from the street or roadway, landscape and architectural appendages, or other obstructions, address posting shall be required both at the street driveway serving such building and on the building.

Table 1 Distance to Building address measured from back of walk.	Size Height	
25 Feet	4 inches	
26-40 Feet	6 inches	
41-55 Feet	9 inches	
Over 55 Feet	12 inches	

## B. Address Identification – Rear

Any business or apartment building which affords vehicular access to the rear through a driveway, alley way or parking lot, shall also display approved identification or address numbers

on the rear of the building for such business or apartment building in a location approved by the Fire Code Official.

# C. Address Identification - Multiple Dwelling Units

An approved diagram of the premises which clearly indicates all individual addresses of each unit in the complex shall be erected at the entrance driveways to every multiple dwelling complex having more than one building on the premises or when required by the Fire Code Official.

In addition, the Fire Code Official may require that individual buildings on the premises be identified in an approved manner.

# D. Address Identification - Multiple Buildings

An approved identification of multiple buildings within an industrial complex shall be required which clearly indicates each individual building in the complex. Identification shall be placed on each building in a size and location, when required by the Fire Code Official, and be visible for responding emergency personnel in an approved manner.

#### E. Address Identification - Illumination

Addressing shall be illuminated at night in all new buildings. Signs shall be internally or externally illuminated. When the luminance or the face of a sign is from an external source, it shall have an intensity of not less than 5.0 foot-candles. Internally illuminated signs shall provide equivalent luminance.

## 15.20.110 Key Boxes - Hazardous Materials Management Plan Box

## Section 506 of the California Fire Code is hereby amended to add the following:

When a business which handles hazardous materials is required to complete a Hazardous Materials Management Plan (HMMP), the Fire Code Official may require the installation of a secured box at the primary facility entrance or the fire control room which contains a copy of the Hazardous Materials Management Plan. This box shall be waterproof and capable of holding the document in a rolled condition without folding. Other characteristics of the box shall be approved by the Fire Code Official.

Businesses which handle acutely hazardous material as defined in Section 25532 of the Health and Safety Code shall install a Hazardous Material Management Plan Box in accordance with this section.

#### 

Section 510 (Emergency Responder Radio Coverage) of the California Fire Code is hereby amended to add the following:

# A. Requirement for Approved Emergency Responder Radio Coverage in Buildings.

All buildings shall have approved indoor radio coverage for emergency responders. Except as otherwise provided, no person shall erect, construct, change the use of or provide an addition of more than 20 percent to, any building or structure or any part thereof, or cause the same to be

done which fails to support adequate radio coverage for the City of Lodi radio communications system. Determining the existence of approved radio coverage and the correction of any deficiencies shall be the responsibility of the building owner. Existing buildings, buildings of one or two single family dwellings, or those below minimum areas as determined by the fire code official may be exempted from this requirement by the Fire Code Official.

# B. Approved Radio Coverage

Approved radio coverage shall conform to the current standards of the Lodi Fire Department. These standards shall define the acceptable indoor signal levels to provide 90% reliability of the Lodi Public Safety Radio System inside structures. The fire code official may determine exceptions and additions to these standards as required to protect the integrity of the public safety radio system and provide acceptable signal levels in structures critical to public health and safety.

# C. Indoor Public Safety Radio Enhancement Systems

If required by this code, any indoor pubic safety radio enhancement system must comply with current standards set by the Lodi Fire Department, and the regulations of the Federal Communications Commission. Systems shall be inspected, maintained, and modified as necessary to provide approved emergency responder radio coverage. If changes in FCC regulations or modifications to the Lodi Public Safety Radio System require modifications to a public safety radio enhancement system, the building owner, at his/her own expense, shall make necessary changes to conform to the existing standard.

# 15.20.130 Fuel-Fired Appliances - Gas Meters, Gas Service Identification

#### Section 603.9 of the California Fire Code is hereby amended to add the following:

All buildings providing natural gas service through more than one (1) service meter or through multiple service connections shall have individual gas shutoffs identified in a manner approved by the Fire Chief indicating areas or units served.

# 15.20.140 Electrical Equipment, Wiring and Hazards - Electrical Disconnect

## Section 605 of the California Fire Code is hereby amended to add the following:

All buildings constructed after July 1, 2005, shall have main electrical shut off accessible to the exterior of the structure. This may be accomplished by placing the shut off on the building exterior, an electrical room with a door leading directly to the exterior or a remote electrical (shunt) switch on the building exterior. Breakaway locks are allowable for security.

# 15.20.150 Fire Protection Systems- System Maintenance

# Section 901.7 of the California Fire Code is hereby amended to add the following:

All individuals or companies installing, repairing, testing, servicing or maintaining sprinkler systems, fire hydrant systems, standpipes, fire alarm systems, portable fire extinguishes, smoke and heat ventilators, smoke-removal systems and other fire protection or extinguishing systems or appliances shall be a fire protection contractor or contractor licensed for said work by the State of California or have the appropriate license required by the California State Fire Marshal's Office or both.

The authority having jurisdiction shall be notified immediately when a fire protection or detection system or portion thereof is found inoperable.

The authority having jurisdiction shall be notified in writing within 72-hours by the person performing repairs, testing, or maintenance when a fire protection or detection system is not in compliance with applicable codes.

When changes involve shutting off water for a considerable number of sprinklers for more than 4-hours, temporary water supply connections shall be made to sprinkler systems so that reasonable protection can be maintained. Protection shall be restored each night. The Fire Code Official may require a fire watch while any system is inoperative.

When shorts, failures or other interruptions of service occur within a building's fire alarm system that connects to an approved alarm service provider's Type A (listed) Central Station or is a local alarm only, the Fire Code Official may require the system to be disconnected or shunt out the private fire alarm system and/or circuit. When shorts, failures, or other interruption of service occur within a building's fire alarm system that connects to an approved alarm service provider's Type A (listed) Central Station, the Fire Code Official may require the system to be repaired and written notification to be provided to the Fire Code Official before he or she responds to alarms generated by the system.

Where alarm system(s) are wholly or partially out of service for more than 8 hours, the alarm company having responsibility shall notify the fire dispatch center.

# 15.20.160 Automatic Sprinkler Systems

# Section 903 of the California Fire Code is hereby amended to add the following:

In addition to the requirements specified in Section 903 of the California Fire Code, an automatic sprinkler system shall be installed throughout and maintained in an operable condition regardless of the installation of area separation walls in the following buildings:

- (1) Every building hereafter constructed in which the total floor area is 6,000 square feet or more.
- (2) Every building hereafter constructed of three or more stories as defined in the California Building Code.
- (3) Every building hereafter in which the square footage existing as of September 1, 1997 is increased by 50% and the total square footage of the building exceeds 6,000 square feet.

Exception: Group R, Division 3 occupancies.

# 15.20.170 Sprinkler Coverage Identification

## Section 903 of the California Fire Code is hereby amended to add the following:

When required by the Fire Code Official, approved signs shall identify the building(s) or portions of building(s) served by a fire department connection and/or riser.

#### 15.20.180 Fire Control Room

#### Section 903 of the California Fire Code is hereby amended to add the following:

An approved fire control room shall be provided for all buildings protected by an automatic fire extinguishing system. Existing buildings installing automatic fire extinguishing system shall have a fire control room added unless approved by the Fire Code Official or his/her designee for good cause. Fire control room shall contain all system control valves, fire alarm control panels and other fire equipment required by the Fire Code Official. Fire control rooms shall be located within the building at a location approved by the Fire Code Official, and shall be provided with a means to access the room directly from the exterior. Durable signage shall be provided on the exterior side of the access door to identify the fire control room.

EXCEPTION: Group R, Division 3 occupancies.

# 15.20.190 Fire Alarm and Detection Systems - Certification

# Section 907.8.2 of the California Fire Code is hereby amended to add the following:

The permittee shall provide a serially numbered certificate from an approved nationally recognized testing laboratory for all required fire alarm systems indicating that the system has been installed in accordance with the approved plans and specifications and meets National Fire Protection Association Standards. Certification shall be required for all new systems to be installed after July 1, 2003. All existing systems must obtain certification in a timely manner, as approved by the Fire Code Official. A copy of the certification shall be provided to the Fire Code Official at no cost.

# 15.20.200 Precautions Against Fire - Open Burning Construction Sites.

# Section 1404.3 of the California Fire Code is hereby amended to add the following:

No fire shall be permitted to burn on any construction site for any purpose. This section is not intended to prohibit the use of devices or tools producing a flame when used in an approved manner and necessary for the construction of the building.

# 15.20.210 Tire Rebuilding and Tire Storage - Indoor Tire Storage

# Chapter 25 (Tire Rebuilding and Tire Storage) 2509.1 of the California Fire Code are hereby amended to add the following:

Inside tire storage shall be in accordance with the following requirements.

Tires stored on side walls shall not be higher than six feet. Tires stored in a lace pattern shall not be higher than 5 feet. A minimum of 3 feet of clearance from tire storage racks shall be maintained in all directions to roof structure, sprinkler deflectors, unit heaters, supply and return air duct registers, lighting fixtures, electrical outlets or any other producing device. On-tread storage piles, regardless of storage needs, shall not exceed 25 feet in the direction of the wheel holes. On-floor, on-tread storage shall not exceed 5 feet in height. The width of the main aisles between piles shall not be less than 8 feet. Any aisle other than the main aisles shall not be less than 4 feet in width.

#### Definitions:

On-side storage: Tires stored horizontally or flat.

On-tread storage: Tires stored vertically or on their treads.

Laced storage: Tires stored where the sides of the tires overlap, creating a woven or laced appearance.

# 15.20.220 **Explosives and Fireworks - Seizure of Fireworks**

# Chapter 33 (Explosives and Fireworks) of the California Fire Code is hereby amended to add the following:

The Fire Code Official is authorized to seize, take, remove or cause to be removed at the expense of the owner all stocks of fireworks offered or exposed for sale, stored or held in violation of local, state, or federal regulations.

# 15.20.230 Explosives and Fireworks - Limits Explosive and Blasting Agents

# Chapter 33 (Explosives and Fireworks) of the California Fire Code is hereby amended to add the following:

The storage of explosives and blasting agents is prohibited within the City limits, except in areas zoned **M-2** as such zone is defined in the zoning regulations of the City.

## 15.20.240 Explosives and Fireworks-Manufacturing of Fireworks

# Chapter 33 (Explosives and Fireworks) of the California Fire Code is hereby amended to add the following:

The manufacture of fireworks within the limits of the City of Lodi is prohibited.

# 15.20.250 Storage - Locations where aboveground tanks are prohibited – Class I & II Liquids

## Section 3404.2.9.6.1 of the California Fire Code is hereby amended to read as follows:

Storage of Class I and Class II liquids in aboveground tanks outside of buildings is prohibited within the limits of the City of Lodi, except areas zoned **IP, M-1 and M-2** as such zones are defined in the zoning regulations of the City of Lodi.

## 15.20.260 **General Authority - Contract Inspector**

# Chapter 1, Division II, Part 2 Section 104.7.2 of the California Fire Code is hereby amended to add the following:

The Fire Code Official may require the owner or the person in possession or control of the building or premise to provide, without charge to the fire department, a special inspector ("Contract Inspector"), when the department requires technical expertise for assistance to conduct the required inspections.

The Contract Inspector shall be a qualified person who shall demonstrate his/her competence to the satisfaction of the Fire Code Official, for inspection of a particular type of construction, operation, fire extinguishing or detection system or process.

Duties and responsibilities of the Contract Inspector shall include but not be limited to the following:

- 1. The Contract Inspector shall observe the work assigned for conformance with the approved design drawing and specifications.
- 2. The Contract Inspector shall furnish inspection reports to the Fire Code Official, Building Official and other designated persons as required by the Fire Code Official. All discrepancies shall be brought to the immediate attention of the contractor for correction, then if uncorrected, to the proper design authority, Fire Code Official, and to the building official.
- 3. The Contract Inspector shall submit a final signed report stating whether the work requiring inspection was, to the best of his/her knowledge, in conformance with the approved plans and specifications and the applicable workmanship provision of this code.

## 15.20.270 **General Authority - Fire Investigators**

Chapter 1, Division II, Part 2 – Section 104.10 of the California Fire Code is hereby amended to add the following:

All sworn members assigned to the Fire Prevention Bureau or Fire Investigation Unit are hereby assigned as Fire Investigators and as such shall enforce the provisions of the California Penal Code as it pertains to fire and arson investigations.

15.20.280 Permits - Required Fees

Chapter 1, Division II, Part 2 – Section 113.2 of the California Fire Code is hereby amended to add the following:

The fee for each permit shall be as set forth from time to time by resolution of the Lodi City Council. The City may establish fees sufficient to recover its costs in administering this Code. No permit shall be issued until such fees have been paid, and administrative citations may be issued to persons violating this Code by the persons allowed to issue citations as stated in Lodi Municipal Code – Chapter 1.10 – Administrative Enforcement Provisions.

15.20.290 **Permits - Inspection Authorized** 

Chapter 1, Division II, Part 2 – Section 105.2.2 of the California Fire Code is hereby amended to read as follows:

Before a new operational permit is approved, the Fire Code Official is authorized to inspect the receptacles, vehicles, buildings, devices, premises, storage spaces or areas to be used to determine compliance with this Code or any operational constraints required. Instances where laws or regulations are enforced by departments other than the fire department, joint approval shall be obtained from all departments concerned.

No final inspection under this Code, as to all or any portion of the development, shall be deemed completed and no certificate of occupancy shall be issued unless and until the requirements imposed by this Code have been completed and the final approval thereof, by the Fire Department, has been given as provided herein and all plan reviews and inspection fees paid.

15.20.300 Permits - Revocation

Chapter 1, Division II, Part 2 – Section 105.5 of the California Fire Code is hereby amended to add the following:

The Fire Code Official further shall have the power to revoke, suspend, or deny the granting of any permit required pursuant to the provision of this Code for any of the following reasons:

- (a) When deemed necessary for the protection of life, limb, or property; or
- (b) For changing the occupancy, equipment, materials, processes, or other conditions in such a manner as to create a greater danger of fire or explosion or less protection than was present at the time of the issuance of such permits.

## 15.20.310 Permits - Required

Chapter 1, Division II, Part 2 – Section 105.6 of the California Fire Code is hereby amended to add the following:

**Christmas Tree Lots.** A permit issued by the Fire Code Official is required to operate a Christmas Tree Lot with or without flame proofing services.

**Haunted Houses.** A permit issued by the Fire Code Official is required to operate a temporary or permanent haunted house.

**Special Events.** A permit issued by the Fire Code Official is required to conduct a special event that is not otherwise listed in this Code and in the opinion of the Fire Code Official or his or her designee poses a fire or life safety concern to the public.

# 15.20.320 **Inspections - Administrative Costs**

Chapter 1, Division II, Part 2 – Section 106.2 of the California Fire Code is hereby amended to add the following:

When a test or inspection is scheduled and the contractor fails to perform to the satisfaction of the authority having jurisdiction, the authority having jurisdiction may bill the contractor for actual time spent traveling to and from the test/inspection location and the time spent at the test/inspection site as well as administrative costs.

## **15.20.325** Board Of Appeals.

Chapter 1, Division II, Part 2 – Section 108 of the California Fire Code is hereby amended to read as follows:

In order to determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of this Chapter, the City Council shall sit as a board of appeals. The Fire Code Official shall be an ex-officio member and shall act as secretary of the Board. Three members present shall constitute a quorum and no act of the board shall be valid unless a majority of the full board shall concur therein.

The board of appeals shall adopt reasonable rules and regulations for conducting a meeting and investigations and shall render a decision and findings in duplicate. A copy will go to the Fir Code Official with the other copy to the applicant.

#### 15.20.330 Violations - Administrative Enforcement Provisions

Chapter 1, Division II, Part 2 – Section 109.2 and 109.3 of the California Fire Code is hereby amended to read as follows:

Notices of violation, citation or penalties shall comply with Lodi Municipal Code – Chapter 1.10 – Administrative Enforcement Provisions with the following terminology changes or deletions wherever stated in Chapter 1.10.

- (a) Whenever the word "Community Improvement Officer" is used, it shall mean the Fire Code Official.
- (b) Whenever the word "Department of Public Safety" is used, it shall mean the Lodi Fire Department.
- (c) Whenever the word "Community Development Director" or "Director" is used, it shall mean the Fire Chief or his designee.
- (d) Whenever the word "Uniform Codes" is used, it shall mean the California Fire Codes.
- (e) Section 1.11.260E is not applicable to the provisions of this chapter, (Community Awareness and Responsibility Education Classes) as it pertains to residential dwellings.

## 15.20.340 **Violations - Abatement of Hazard by Fire Code Official**

Chapter 1, Division II, Part 2 – Section 109.3.1 of the California Fire Code is hereby amended to add the following:

If any person fails to comply with the orders of the Fire Code Official, or if the Fire Code Official is unable to locate the owner, operator, occupant or other person responsible within a reasonable time, the Fire Code Official or his or her authorized representative may take such steps as are necessary to abate the hazard for the protection of the public health and safety. No event notice is necessary before abatement, when the hazard is a clear and present danger to the public welfare. All costs related to such abatement shall become a lien or special assessment on the subject property.

## 15.20.350 Unsafe Buildings - Structural Fires

Chapter 1, Division II, Part 2 – Section 110.1.1 of the California Fire Code is hereby amended to add the following:

The Chief Officer at the scene shall attempt to notify all occupants or owners of structures, which have suffered damage by fire, that such structures or buildings must be inspected before any repairs thereof are made. A permit covering the structural, electrical and plumbing repairs shall be obtained from the City of Lodi Community Development Department. The Chief Officer shall report all such structural fires to the Chief Building Official or his/her designee within twenty-four hours after the occurrence of such fire.

## 15.20.360 Stop Work Order - Failure to Comply

Chapter 1, Division II, Part 2 – Section 111.4 of the California Fire Code is hereby amended to read as follows:

Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than that stated in Lodi Municipal Code – Chapter 1.10 – Administrative Enforcement Provisions.

#### 15.20.370 Fire Hydrants Locations and Distribution – Distribution of Fire Hydrants

### Appendix C – Section C105.1 of the California Fire Code is hereby amended to read as follows:

Private fire hydrants and public off site fire hydrants shall be spaced with the maximum distances as specified by Table 2.

Table 2	Movimum	
Zoning Type	Maximum Spacing	
Commercial, high density, Industrial or high-value	300 feet	
Low Density Residential	500 feet	
Residential Reverse Frontage	1000 feet	

Hydrants shall be required on both sides of the street whenever one or more of the following conditions exist:

- 1. Streets have median center dividers that make access to hydrants difficult, cause time delays, or create undue hazard or both.
- 2. On major arterials when there is more than four lanes of traffic.
- 3. Width of street in excess of 88 feet.
- 4. The existing street being widened or having a raised median center divider in the future pursuant to the General Plan Roadway Improvements Plans for the City of Lodi.

#### 15.20.380 Changes or Modifications

In accordance with Health and Safety Code Section 17958.5, the adoption of amendments more restrictive than the requirements contained in the provisions published in the California Building Standard Code, are needed because of local conditions, as specified below:

- (A) Climatic
- (1) Conditions

Precipitation averages 18 inches per year, and can reach as high as 35 inches per year. Virtually all of the rain occurs during the months of October through April. The remaining months receive little or no rain. Temperatures during the summer months can reach as high as 110 and City of Lodi averages 19 days over 100 each year. Relative humidity during these summer

months is very low. Lodi averages 34 days of dense fog per year, and has had as many as 64 foggy days.

#### (2) Impacts

The generally dry, hot summer months create extreme fire conditions. Adding to this situation is the dryness and combustibility of many structures during the summer, especially true of structures with wood siding and roofs constructed of wood shakes and shingles. The cyclical uncertainty that allow weather events can cause rapid melting of the snow pack which causes flood potential in areas surrounding the Mokelumne River. The foggy conditions can inhibit the dispatch and timeliness of emergency equipment reaching the site of a fire. During foggy periods it is common place for visibility to be near zero, which results in emergency equipment having to decrease their speed to less than 25 miles per hour.

#### (B) Geographic

#### (1) Conditions

The City of Lodi is subject to ground tremors from seismic events as the County is in seismic Category D. The Mokelumne River, which borders the northern city limits, is subjected to flood potential and its levies are subject to failure from seismic activity or high water.

#### (2) Impacts

The geologic conditions in San Joaquin County in general, and the City of Lodi, in particular, have the potential of restricting access to structures, especially in remote or isolated areas. A moderate earthquake or extended periods or rain can impact local access roads.

#### (C) Topographic

#### (1) Conditions

The City of Lodi consists mainly of the San Joaquin Valley floor. The valley floor is typically flat land area bisected by intermittent and year round stream and river systems. Much of the valley floor is irrigated agriculture. Low land areas protected by a complex and extensive levee system characterize the Delta area. Union Pacific Railroad Tracks bisect the eastern and western portions of Lodi as well as Highway 99 creating traffic congestion and emergency response delays.

#### (2) Impacts

The valley floor is frequently subject to both general and localized flooding. Because the area is so flat and low, it is not unusual for local drainage systems to be inadequate during heavy rain periods. This condition can isolate areas where roads are flooded and thereby block access. With the OSHA "two-in two-out" rule requiring two fire fighters ready to make attack only when two others are present, the potential delay in east-west response increases the risk to firefighter and the public.

While it is clearly understood that the adoption of such amendments may not prevent the incidence of fire, the implementation of these various amendments to the code attempt to reduce the severity and potential loss of life, property and protection of the environment.

**Section 3.** All ordinances or parts of ordinances in conflict herewith are hereby repealed insofar as such conflict may exist.

<u>Section 4.</u> That if any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The City of Lodi hereby declares that it would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

<u>Section 5.</u> That nothing in this ordinance or in the Fire Code hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 4 of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this ordinance.

<u>Section 6.</u> That the City Clerk is hereby ordered and directed to cause this ordinance to be published. This ordinance shall be published one time in "Lodi News Sentinel," a newspaper of general circulation printed and published in the City of Lodi.

<u>Section 7.</u> That this ordinance and the rules, regulations, provisions, requirements, orders, and matters established and adopted hereby shall take effect January 1, 2011, a date which is at least 30 days after passage of this ordinance.

منطله مريمهم ۸

day of Navanahar 2010

	Approved this day of November, 2010
	PHIL KATZAKIAN
Attest:	Mayor
Randi Johl	
City Clerk	

County of San J	Joaquin, ss.
was introduced 2010, and was	Johl, City Clerk of the City of Lodi, do hereby certify that Ordinance No at a regular meeting of the City Council of the City of Lodi held November 3, thereafter passed, adopted, and ordered to print at a regular meeting of said ovember, 2010, by the following vote:
AYES:	COUNCIL MEMBERS –
NOES:	COUNCIL MEMBERS –
ABSENT:	COUNCIL MEMBERS –
ABSTAIN:	COUNCIL MEMBERS –
	certify that Ordinance No was approved and signed by the Mayor on the age and the same has been published pursuant to law.
Approved as to D. Stephen Sch City Attorney, C	wabauer
JANICE D. MAC	
Deputy City Atto	

State of California

#### ORDINANCE NO. 2010-\_\_\_\_

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LODI AMENDING LODI MUNICIPAL CODE TITLE 15 – BUILDINGS AND CONSTRUCTION – BY ADDING CHAPTER 15.22, "ATC-20 SAFETY ASSESSMENT PLACARDS" USED TO DENOTE CONDITIONS RELATING TO CONTINUED OCCUPANCY OF BUILDINGS.

\_\_\_\_\_\_

WHEREAS, one of the functions of the Applied Technology Council ATC-20 publication entitled *Post-Disaster Safety Assessment Program*, was the development of placards that clearly identify the condition of buildings to owners and occupants during a disaster; and

WHEREAS, these placards were first used after the Loma Prieta earthquake in 1989; and

WHEREAS, a panel was convened by the Applied Technology Council to review ATC-20 and update the publication and placards based on the Loma Prieta experience that recommended revisions to the placards; and

WHEREAS, placards have been widely used in past earthquakes to denote the condition of buildings and structures, and in many cases, the placards have been those recommended in the ATC-20 publication; and-

WHEREAS, in past events, there have been a number of reports of placards being removed from buildings by owners or tenants or an unauthorized change of placards, usually from UNSAFE to one of the other categories, compromising the protection of the public; and

WHEREAS, adopting the ATC-20 recommended placards by ordinance makes them the City's official placards and their use enforceable under this Code and the misuse or removal of the placards punishable under this Code; and

WHEREAS, only authorized representatives of a jurisdiction may place official placards, and for this reason, the *Post-Disaster Safety Assessment Program* recommends that safety assessment evaluators be deputized. If evaluators are not deputized, the jurisdiction must send out its own personnel to post the buildings. In accordance with Article 17, Section 8657(b) of the *California Emergency Services Act*, local government is not financially responsible for providing disaster volunteers with worker's compensation coverage if the jurisdiction deputizes and registers the volunteers. Volunteering safety assessment evaluators registered with OES as Disaster Service Worker Volunteers are provided worker's compensation coverage by the State of California; safety assessment evaluators who are State or local government employees are covered by their respective jurisdiction and respond to disasters under the terms of mutual aid agreements.

#### BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LODI AS FOLLOWS:

<u>SECTION 1</u>. Lodi Municipal Code Title 15 – Buildings and Construction – is hereby amended by adding Chapter 15.22, ""ATC-20 Safety Assessment Placards" to read as follows:

#### CHAPTER 15.22

#### ATC-20 SAFETY ASSESSMENT PLACARDS

#### Sections:

15.22.010	Intent
15.22.020	Application of Provisions
15.22.030	Definitions
15.22.040	Placards

#### Section 15.22.010 Intent

This Chapter establishes standard placards to be used to indicate the condition of a structure for continued occupancy. This Chapter further authorizes the Building Official and his/her authorized representatives to post the appropriate placard at each entry point to a building or structure upon completion of a safety assessment.

#### Section 15.22.020 Application of Provisions.

(a) The provisions of this Chapter are applicable to all buildings and structures of all occupancies regulated by the City of Lodi. The Council may extend the provisions as necessary.

#### Section 15.22.030 Definitions.

(a) Safety assessment is a visual, non-destructive examination of a building or structure for the purpose of determining the condition for continued occupancy.

#### Section 15.22.040 Placards.

- (a) The following are verbal descriptions of the official jurisdiction placards to be used to designate the condition for continued occupancy of buildings or structures. Copies of actual placards are attached.
  - (1) **INSPECTED Lawful Occupancy Permitted** is to be posted on any building or structure wherein no apparent structural hazard has been found. This placard is not intended to mean that there is no damage to the building or structure.
  - (2) **RESTRICTED USE** is to be posted on each building or structure that has been damaged wherein the damage has resulted in some form of restriction to the continued occupancy. The individual who posts this placard will note on the placard in general terms the type of damage encountered and will clearly and concisely note the restrictions on continued occupancy.
  - (3) UNSAFE Do Not Enter or Occupy is to be posted on each building or structure that has been damaged such that continued occupancy poses a threat to life safety. Buildings or structures posted with this placard shall not be entered under any circumstance except as authorized in writing by

the Building Official, or his/her authorized representative. Safety assessment teams shall be authorized to enter these buildings at any time. This placard is not to be used or considered as a demolition order. The individual who posts this placard will note on the placard in general terms the type of damage encountered.

- (b) The number of the ordinance adopting this Chapter, along with the address and phone number of the Building Division of the City's Community Development Department, shall be permanently affixed to each placard.
- (c) Once it has been attached to a building or structure, a placard is not to be removed, altered or covered until done so by an authorized representative of the Building Official, including deputized safety assessment evaluators. It shall be unlawful for any person, firm or corporation to alter, remove, cover or deface a posted placard unless authorized to do so pursuant to this section.
- (d) Placards Shall Read as Follows:



### INSPECTED LAWFUL OCCUPANCY PERMITTED

Community Development Department, Building Division 221 West Pine Street, Lodi, California 95240 (209) 333-6714

(209) 333-6714

City of Lodi Ordinance No. Adopted: a constructura

has been found.
☐ Inspected Exterior Only
☐ Inspected Exterior and Interior
Report any unsafe condition to local authorities; Re-inspection may be required.
Inspector Comments:
Inspector ID/Agency:
Facility Name & Address:
Date:
Time:
(Caution: Aftershocks Since Inspection May Increase Damage and Risk)
This Facility was inspected under emergency conditions by:
Jurisdiction:
Address:
Telephone:
DO NOT REMOVE, ALTER OR COVER THIS PLACARD UNTIL AUTHORIZED BY THE BUILDING OFFICIAL (LODI MUNICIPAL CODE §15.22.040)



# LIMITED ENTRY OFF LIMITS TO UNAUTHORIZED PERSONNEL DO NOT ENTER OR OCCUPY

### (THIS PLACARD IS NOT A DEMOLITION ORDER)

Community Development Department, Building Division 221 West Pine Street, Lodi, California 95240 (209) 333-6714

	City of Lodi Ordinance No Adopted:
	re has been Inspected, Found to be Seriously Damaged and is Unsafe to Described Below:
Occupy, as L	rescribed below:
DO NOT E	NTED EVEEDT AC CDECIEICALLY AUTHODITED IN MOUTING DY
	NTER, EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY 'ION. ENTRY MAY RESULT IN DEATH OR INJURY.
•	ne & Address:
	<del></del>
	<del></del>
	<del></del>
This Facili	ty was Inspected Under Emergency Conditions By:
Jurisdiction	:
Inspector ID	)/Agency:
	<del></del>
	<del></del>
Date:	<del></del>
Time:	<del></del>
DO NOT R	EMOVE, ALTER OR COVER THIS PLACARD UNTIL AUTHORIZED
	JILDING OFFICIAL (LODI MUNICIPAL CODE §15.22.040)



### UNSAFE

### Community Development Department, Building Division 221 West Pine Street, Lodi, California 95240 (209) 333-6714

City of Lodi Ordinance No.\_\_\_\_ Adopted:\_ **CAUTION:** This Structure Has Been Inspected and Found to be Damaged as Described **Below:** Entry, Occupancy and Lawful Use are Restricted as Indicated Below: **Facility Name & Address:** Date:\_\_\_\_\_ Time:\_\_\_\_\_ (Caution: Aftershocks Since Inspection may Increase Damage and Risk) This Facility was inspected under emergency conditions by: Jurisdiction:\_\_\_\_\_ Address:\_\_\_\_\_ Telephone:\_\_\_\_\_ **Inspector** ID/Agency:\_

DO NOT REMOVE, ALTER OR COVER THIS PLACARD UNTIL AUTHORIZED

BY THE BUILDING OFFICIAL (LODI MUNICIPAL CODE §15.22.040)

manner which care towards	n imposes persons o	s upon the City, or any of	and shall not be construed or given effect in a ficer or employee thereof, a mandatory duty of or outside of the City so as to provide a basis of posed by law.	
Section 3. as such confli	ection 3. All ordinances and parts of ordinances in conflict herewith are repealed insofars such conflict may exist.			
<u>Section 4.</u> This ordinance shall be published one time in the "Lodi News Sentinel," a daily newspaper of general circulation printed and published in the City of Lodi, and shall be in force and take effect 30 days from and after its passage and approval.				
			Approved thisday of, 2010.	
Attest:			PHIL KATZAKIAN Mayor	
RANDI JOHL	, City Cle	rk		
State of Califo County of Sar		, SS.		
was introduce 2010, and wa	ed at a reas	gular meeting of the City	odi, do hereby certify that Ordinance No Council of the City of Lodi held November 3, d ordered to print at a regular meeting of said wing vote:	
AYES	: (	COUNCIL MEMBERS -		
NOES	: (	COUNCIL MEMBERS -		
ABSE	NT: (	COUNCIL MEMBERS -		
ABST	AIN: (	COUNCIL MEMBERS -		
		that Ordinance No I the same has been publi	was approved and signed by the Mayor of the shed pursuant to law.	
			RANDI JOHL City Clerk	
Approved as t D. STEPHEN City Attorney,	SCHWA			

Ву \_\_\_\_\_

JANICE D. MAGDICH Deputy City Attorney

# Adoption of the 2010 California Codes & Placard Ordinance

Lodi City Council Nov. 03, 2010

# Code adoption

The California Building Standards
Commission has selected January 1, 2011 as
the effective date for the 2010 California
Building Codes.

# Code adoption

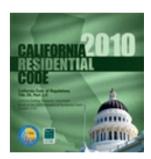
Every three years, building/construction codes are amended by the State of California

- Cities and counties are mandated to adopt State standards.
- If City codes with amendments are not adopted by January 1, 2011, those jurisdictions are required to follow State codes only.

# 2010 California Building Standards Code – Title 24 (effective January 1, 2011)

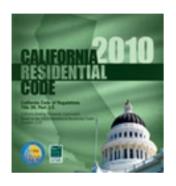
- California Building Code
- California Residential Code
- California Green Building Standard Code
- California Mechanical Code
- California Plumbing Code
- California Electrical code
- California Energy Code
- California Fire Code







# Major changes in this Code Cycle



California Residential Code



California Green Building Standards Code

### 2010 California Residential Code

### Fire sprinklers

- For all new single family dwellings
- Exceptions:
  - Clothes closets
  - Bathrooms
  - Attic & crawl space with no gas-fired equipment
  - Detached garage with no habitable space above

### 2010 California Residential Code

### Carbon monoxide alarms

- Required when
  - Fuel-burning appliances are installed
  - Dwelling has an attached garage
- Location
  - Outside of each separate sleeping area
  - On every level of a dwelling

### 2010 California Green Building Code

### **Mandatory measures**

- Planning and design
- Energy efficiency
- Water efficiency and conservation
- Material conservation and resource efficiency
- Environmental quality

### Residential mandatory measures

- Indoor water use: Reduce usage 20%
- Outdoor water use: Landscape control
- Construction waste: Reduce by 50%
- Pollutant Control: Covering duct opening & protection of equipment during construction
  - Volatile organic compound reduction

## Planning and design: Nonresidential

### Site development

- Bicycle parking
  - Short-term bicycle parking
    - 5% of visitorparking capacity
  - Long-term bicycle parking
    - 5% of total parking capacity

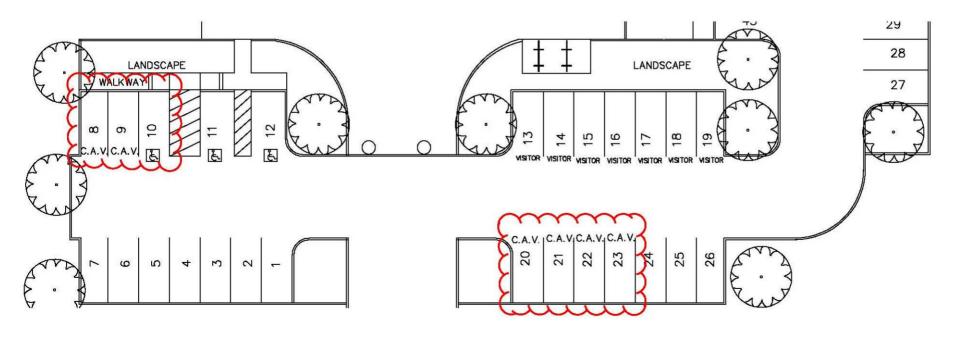




# Planning and design

### Site development

- Designated parking for clean air vehicles
  - Stall marking for 8% of total parking capacity



### Material conservation/resource efficiency

# Construction waste reduction, disposal and recycling

- Construction waste reduction of at least 50%
  - Exception to allow alternate waste reduction method
- 100% of excavated soil and land-clearing debris

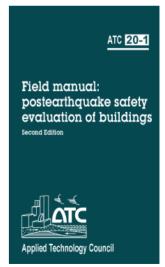
# 2010 California Building Code

# Accessibility for existing buildings

- Change of Occupancy
  - Minimum of one accessible building entrance
  - Minimum one accessible route from entrance to primary function area
  - Signage
  - Accessible parking
  - Accessible path of travel from parking to primary entrance

## ATC-20-1 placards ordinance

- Placards are used in the event of a disaster to denote buildings
- Placards must be adopted by ordinance to be enforceable



# ATC-20-1 placards ordinance

**INSPECTED** – Ok to Occupy



LIMITED ENTRY- Area(s) Unsafe

CFF LIMITS TO UNAUTHORIZED PERSONNEL
BY ORDER OF THE DEPARTMENT OF BUILDING AND SAFETY
CITY OF LOS ANGUES
SECTION 1.450 US ANGUES
TO ANG

**UNSAFE** – Do not enter or occupy



### Public communication

- Lodi News-Sentinel
- Community Development Department
  - Flyers, Handout, counter information
- Discussion with BIA
- Public Presentation, October 7, 2010
  - Contractors
  - Architects
  - Engineers
  - Developers and other interested parties.

### Fire Code

- Administrative section now adopted by State
- Appendixes for high hazards
  - Hazard categories and rankings (Appendixes E & F)
  - Crop ripening (Chapter 16)
  - Cryogenics (Appendix G)
  - Fire-suppression system maintenance (Appendix I)
- Local codes
  - No new codes
  - Clarification for code titles
  - Appeal process same as Community Development

## Operational permits

- Operational permitting part of current code
  - Has not been implemented locally
- Fee schedule for operational permits is being recommended
  - Authority to set fees is in State/municipal codes
- Recommended fees based on current CD cost
- Implementation over the next year

# Code adoption

### Questions?





### Please immediately confirm receipt of this fax by calling 333-6702

#### CITY OF LODI P. O. BOX 3006 LODI, CALIFORNIA 95241-1910

### ADVERTISING INSTRUCTIONS

PUBLIC HEARING TO CONSIDER ADOPTION OF THE 2010 **SUBJECT:** 

> CALIFORNIA BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, RESIDENTIAL, GREEN BUILDING STANDARD, AND FIRE CODES WITH LOCAL AMENDMENTS INCLUDING A FEE SCHEDULE FOR

OPERATIONAL PERMITS AND ATC 20 PLACARDS

**PUBLISH DATE: SATURDAY, OCTOBER 23,2010** 

**TEAR SHEETS WANTED:** One (1) please

SEND AFFIDAVIT AND BILL TO: RANDI JOHL, CITY CLERK

> City of Lodi P.O. Box 3006

Lodi. CA **95241-1910** 

THURSDAY, OCTOBER 21,2010 DATED:

**ORDERED BY:** RANDI JOHL

CITY CLERK

MARIA BECERRA ADMINISTRATIVE CLERK

### Verify Appearance of this Legal in the Newspaper - Copy to File

	Faxed to the Sentinel at 369-1084 at (time) on (date)(pages)	
LNS	Phoned to confirm receipt of all pages at(time) MBJMR (initials	s) :



### **DECLARATION OF POSTING**

#### PUBLIC HEARING TO CONSIDER ADOPTION OF THE 2010 CALIFORNIA BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, RESIDENTIAL, GREEN BUILDING STANDARD, AND FIRE CODES WITH LOCAL AMENDMENTS INCLUDING A FEE SCHEDULE FOR OPERATIONAL PERMITS AND ATC 20 PLACARDS

On Friday, October 22, 2010, in the City of Lodi, San Joaquin County, California, a Notice of Public Hearing to consider adoption of the 2010 California Building, Mechanical, Electrical, Plumbing, Residential, Green Building Standard, and Fire Codes with local amendments including a fee schedule for operational permits and ATC 20 Placards (attached and marked as Exhibit A) was posted at the following locations:

Lodi Public Library Lodi City Clerk's Office Lodi City Hall Lobby Lodi Carnegie Forum

I declare under penalty of perjury that the foregoing is true and correct.

Executed on October 22, 2010, at Lodi, California.

ORDERED BY:

RANDI JOHL CITY CLERK

JENNIFER M. ROBISON, CMC ASSISTANT CITY CLERK

MARIA BECERRA ADMINISTRATIVE CLERK



### **DECLARATION OF MAILING**

# PUBLIC HEARING TO CONSIDER ADOPTION OF THE 2010 CALIFORNIA BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, RESIDENTIAL, GREEN BUILDING STANDARD, AND FIRE CODES WITH LOCAL AMENDMENTS INCLUDING A FEE SCHEDULE FOR OPERATIONAL PERMITS AND ATC 20 PLACARDS

On Friday, October 22, 2010, in the City of Lodi, San Joaquin County, California, I deposited in the United States mail, envelopes with first-class postage prepaid thereon, containing a Notice of Public Hearing to consider adoption of the 2010 California Building, Mechanical, Electrical, Plumbing, Residential, Green Building Standard, and Fire Codes with local amendments including a fee schedule for operational permits and ATC 20 Placards, attached hereto marked Exhibit **A.** The mailing list for said matter is attached hereto marked Exhibit **B.** 

There is a regular daily communication by mail between the City of Lodi, California, and the places to which said envelopes were addressed.

I declare under penalty of perjury that the foregoing is true and correct.

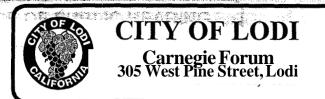
Executed on October 22, 2010, at Lodi, California.

ORDERED BY:

RANDI JOHL CITY CLERK, CITY OF LODI

JENNIFER M. ROBISON, CMC

MARIA BECERRA ADMINISTRATIVE CLERK



### NOTICE OF PUBLIC HEARING

Date: November 3, 2010

Time: 7:00 p.m.

For information regarding this notice please contact:

Randi Johl City Clerk Telephone: (209) 333-6702



#### **DTI** I PUBLIC HEARING

**NOTICE IS HEREBY GIVEN** that on **Wednesday, November 3, 2010,** at the hour of 7:00 p.m., or as soon thereafter as the matter may be heard, the City Council will conduct a public hearing at the Carnegie Forum, 305 West Pine Street, Lodi, to consider approval of the following item:

a) Adoption of the 2010 California Building Code, Mechanical Code, Electrical Code, Plumbing Code, Residential Code, Green Building Standard Code, and Fire Code with local amendments including a fee schedule for operational permits and ATC 20 Placards.

Information regarding the 2010 California Building Code, Mechanical Code, Electrical Code, Plumbing Code, Residential Code, and Green Building Standard Code may be obtained in the Community Development Department, 221 West Pine Street, Lodi, (209) 333-6711. Information pertaining to the Fire Code may be obtained in the Fire Department, 25 E. Pine Street, (209) 333-6735. All interested persons are invited to present their views and comments on this matter. Written statements may be filed with the City Clerk, City Hall, 221 West Pine Street, 2<sup>nd</sup> Floor, Lodi, 95240, at any time prior to the hearing scheduled herein, and oral statements may be made at said hearing.

If you challenge the subject matter in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice or in written correspondence delivered to the City Clerk, 221 West Pine Street, at or prior to the close of the public hearing.

By Order of the Lodi City Council:

Randi Johl City Clerk

Dated: October 20, 2010

Approved as to form:

D. Stephen Schwabauer City Attorney

City Attorney

### ITY OF LODI

TY HALL, 221 W. PINE ST. P.O. BOX 3006 DI, CALIFORNIA 95241-1910

y Clerk's Office



### ublic Hearing otice Enclosed

Lodi District Chamber of Commerce 24 S. School St. Lodi, CA 95240 ||......|

ITY OF LODI

ITY HALL, 221 W. PINE ST. P.O. BOX 3006 DI, CALIFORNIA 95241-1910

ty Clerk's Office

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Wendel Kiser 930 Ehrhardt Lodi, CA 95240 Ildaddalladdalladdalladdal Distribution List Name: Building Contractor Meeting List

#### Members:

Brad Hammon Hammon44@rocketmail.com Chuck Vecchiarelli chuck@theglassguru.com

Clint O'Connor okuuipo@att.net Crystal Kirst ckirst@gmail.com

Dale Foletta famesestimator@sbcglobal.net

Dale Orth dalebuff@juno.com

Daniel Hoag hoagconstruction@sbcglobal.net
Dave Lagorio dlagorio@diedeconstruction.com

David Miraflor
Doug Forshey
George Rodriguez
Greg Harris
Davidl2d@yahoo.com
dougf@winerose.com
gar-architect@sbcglobal.net
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Jamie McConnell jamie@hendersonslodi.com
Jarome Jacob jjacob@quicksglass.com
leff Kirst jikirst@gmail.com

Jeff Kirst jjkirst@gmail.com

Jeff Simpson tullscw@comcast.net

Jim Brandt jimbrandt75@yahoo.com

John Beckman johnb@biadelta.org

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Sean Evans

Stan Evans

Steve Pechin

Stan Evans

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Tom Baker tbaker9314@comcast.net
Troy Krause takrause@cleanuire.net
Y Acosta Aci99@clearwire.net

### 2011 Building Code Adoption Public Hearing Notice Fax/Mailing List (November 3,2010 City Council Meeting)

### **FAX LIST**

NAME	COMPANY	FAX/E-MAIL
Duane Bechthold		334-0607
Matt McCarty		339-8093
Richard Entzi		368-2126
Dave Olson		366-2487
Steve Faszer		365-1827
Lodi Assoc of Realtors		368-8289
Daryl Lee		369-1396
	Lesovsky/Donaldson	943-0415

### **MAILING LIST**

Company	FirstName	LastName	Address1	City	State	Postal Code
Lodi District Chamber of			24 S. School St.	Lodi	CA	95240
Commerce						
	Wendel	Kiser	930 Ehrhardt	Lodi	CA	95240